



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Elizabeth Jaffee *et al.*

Serial No.: 10/618,088

Atty. Docket No.: 001107.00363

Filed: July 14, 2003

Group Art Unit: TBD

For: Mesothelin Vaccines and Model Systems

Examiner: TBD

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313

Dear Sir:

Submitted herewith are eight (8) sheets of Form PTO-1449. A copy of each of the references listed therein is enclosed. It is respectfully requested that the Examiner make his/her consideration of each of these documents formally of record.

Since this Information Disclosure Statement is being filed before issuance of a first Office Action on the merits under 37 C.F.R. 1.97(b), it is submitted that no fee or certification is required. However, if a fee is required, please charge our deposit account no. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

By:

Sarah A. Kagan  
Registration No. 32,141

Dated: September 11, 2003

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PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet	1	of	8	<b>Complete if Known</b>
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Application Number

10/618,088

Filing Date

July 14, 2003

First Named Inventor

Elizabeth Jaffee

Group Art Unit

TBD

Examiner Name

TBD

Attorney Docket Number

001107.00363

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		5,723,318	03/03/1998	Yamaguchi et al.	
		5,763,183	06/09/1998	Pesonen et al.	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 97/25068	07/17/1997			
		WO 99/28471	06/10/1999			
		WO 00/50900	08/31/2000			
		WO 00/73346	12/07/2000			

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
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		ANGELOPOULOS et al., "Safety and Shedding of an Attenuated Strain of <i>Listeria monocytogenes</i> with a Deletion of <i>actA/plcB</i> in Adult Volunteers: a Dose Escalation Study of Oral Inoculation", <i>Infection and Immunity</i> , July 2002, pp. 3592-3601, Vol. 70, No. 7.			
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/618,088
Sheet	3	of	8	Filing Date	July 14, 2003
				First Named Inventor	Elizabeth Jaffee
				Group Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	001107.00363

<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>				
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		HELLSTRÖM et al., "Tumor Immunology: An Overview", <i>Ann. New York Acad. Sci.</i> , 1993, pp. 24-33, Vol. 690.		
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Sheet

4

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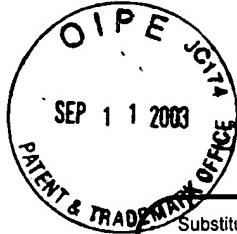
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5

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		POLO et al., "Alphavirus DNA and particle replicons for vaccines and gene therapy", <i>Dev Biol (Basel)</i> 2000;104:181-5 (Abstract only)	
		PRAZERES et al., "Purification of plasmids for gene therapy and DNA vaccination", <i>Biotechnol Annu Rev</i> 2001;7:1-30 (Abstract Only)	
		LINDSLEY et al., "Immunoprophylaxis of hepatitis C virus infection", <i>Clin Liver Dis</i> 2001 Nov;5(4):1091-103 (Abstract Only)	
		RAMSAY et al., "Genetic vaccination strategies for enhanced cellular, humoral and mucosal immunity", <i>Immunol Rev</i> 1999 Oct;171:27-44 (Abstract Only)	
		REIMANN et al., "DNA vaccines", <i>Vox Sang</i> 2000;78 Suppl 2:57-60 (Abstract Only)	
		RESTIFO et al., "The promise of nucleic acid vaccines", <i>Gene Ther</i> 2000 Jan;7(2):89-92 (Abstract Only)	
		RYU et al., "Relationships and differentially expressed genes among pancreatic cancers examined by large-scale serial analysis of gene expression", <i>Cancer Res</i> 2002 Feb 1;62(3):819-26 (Abstract Only)	
		SCHIRMBECK et al., "Revealing the potential of DNA-based vaccination: lessons learned from the hepatitis B virus surface antigen", <i>Biol Chem</i> 2001 Apr;382(4):543-52 (Abstract Only)	
		SCHMITTEL et al., "Quantification of tumor-specific T lymphocytes with the ELISPOT assay", <i>J Immunother</i> 2000 May-Jun;23(3):289-95 (Abstract Only)	
		SUAREZ-ALVAREZ et al., "Circulating IgG response to stromelysin-3, collagenase-3, galectin-3 and mesothelin in patients with pharynx/larynx squamous cell carcinoma", <i>Anticancer Res</i> 2001 Sep-Oct;21(5):3677-84 (Abstract Only)	
		SUNDARAM et al., "Synthetic peptides as cancer vaccines", <i>Biopolymers</i> 2002;66(3):200-16 (Abstract Only)	

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 8

of 8

**Complete if Known**

Application Number	10/618,088
Filing Date	July 14, 2003
First Named Inventor	Elizabeth Jaffee
Group Art Unit	TBD
Examiner Name	TBD

Attorney Docket Number 001107.00363

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		VECINO et al., "Mucosal DNA vaccination with highly attenuated Shigella is superior to attenuated Salmonella and comparable to intramuscular DNA vaccination for T cells against HIV", <i>Immunol Lett</i> 2002 Jul 3;82(3):197-204 (Abstract Only)	
		WARD et al., "Immunotherapeutic potential of whole tumour cells", <i>Cancer Immunol Immunother</i> 2002 Sep;51(7):351-7 (Abstract Only)	
		WESTWATER et al., "Development of a P1 phagemid system for the delivery of DNA into Gram-negative bacteria", <i>Microbiology</i> 2002 Apr;148(Pt 4):943-50 (Abstract Only)	
		WLAZLO et al., "DNA tumor vaccines", <i>Arch Immunol Ther Exp (Warsz)</i> 2001;49(1):1-11 (Abstract Only)	
		YAMASHITA et al., "Mapping and determination of the cDNA sequence of the Erc gene preferentially expressed in renal cell carcinoma in the Tsc2 gene mutant (Eker) rat model", <i>Biochem Biophys Res Commun</i> 2000 Aug18;275(1):134-40 (Abstract Only)	
		ZOLLER et al., "Active vaccination after allogeneic bone marrow cell transplantation: a new option in the Immunotherapy of cancer?", <i>Arch Immunol Ther Exp (Warsz)</i> 2002;50(3):197-224 (Abstract Only)	

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